

CLAIMS

1. A printing machine arm and press combination in which the printing machine has a pallet arm for supporting an article to be printed and the press includes
 - a) a platen frame, adapted to encompass the pallet arm, mounted on a support and moveable vertically relative to said support
 - b) an upper platen, adapted to lie above the pallet arm, mounted to the platen frame
 - c) a lower platen mounted on the platen frame the lower platen being positioned below the pallet arm upwardly moveable to abut the pallet arm
 - d) control means which allows the frame to move downwardly when the lower platen is raised.
2. A transfer heat press which includes
 - a) a platen frame mounted on a support and moveable vertically relative to said support
 - b) an upper platen mounted to the platen frame incorporating means to heat said upper platen
 - c) a lower platen mounted on the platen frame the lower platen being moveable toward the upper platen
 - d) control means which allows the frame to move downwardly when the lower platen is raised toward the upper platen.
3. A transfer heat press as claimed in claim 2 in which the platen frame is a C shaped frame.
4. A transfer heat press as claimed in claim 2 in which the platen frame is supported by a pneumatic or hydraulic ram.
5. A transfer heat press as claimed in any preceding claim in which the lower platen reciprocates relative to the press frame.